

Application # 09/436,432
Amendment Dated: May 31, 2005
Reply to Office Action Dated: December 29, 2004

I. AMENDMENT TO THE CLAIMS

3. This listing of claims will replace all prior versions, and listings, of claims in the application:

II. LISTING OF CLAIMS

1. (original) A method of transmitting a video stream of images from a source device to a receiving device comprising the steps of:
 - a) a transmitting the video stream of images in a first format to the receiving device;
 - b) receiving a request for an enhanced version of a marked portion of the video stream of images from the receiving device; and
 - c) transmitting the marked portion of the video stream of images in a second format, wherein the second format represents an enhanced version of the first format.
2. (original) The method as claimed in claim 1 further comprising the step of storing the original video stream of images at the receiving device.
3. (original) The method as claimed in claim 2 further comprising the step of storing the marked portion of the video stream of images to replace a corresponding portion of the original video stream of images.
4. (currently amended) The method as claimed in claim 1 further comprising the step of generating the video stream of images and transmitting the video stream of images to the source device a storage device.
5. (original) The method as claimed in claim 4 wherein the step of generating is performed by a medical test device which is one of the group of an ultrasound, sonogram and echocardiogram device.
6. (original) The method as claimed in claim 1 further comprising the step of displaying the video stream of images at the receiving device.
7. (original) The method as claimed in claim 6 further comprising the step of marking the marked portion of the video stream of images at the receiving device.
8. (original) The method as claimed in claim 6 wherein the step of displaying includes a fast-forward and rewind function.
9. (original) The method as claimed in claim 6 wherein the step of transmitting the video stream of images and the step of displaying are performed simultaneously such that a received portion of the video stream of images is displayed while a remaining portion of the video stream of images is transmitted.

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10. (original) The method as claimed in claim 1 further comprising the step of adding annotations to the video stream of images.
11. (original) The method as claimed in claim 1 further comprising the step of determining if a user views a particular image within the video stream of images for a predetermined period of time and automatically transmitting the particular image in the second format.
12. (original) The method as claimed in claim 1 wherein if the request for an enhanced version is received while the step of transmitting the video stream of images is being performed, then the step of transmitting the video stream of images is paused while the step of transmitting the marked portion is performed, and resumed once the step of transmitting the marked portion is completed.
13. (original) A transmitting device for transmitting a video stream of images to a receiving device comprising:
 - a) a storage device configured for receiving and storing a stream of images; and
 - b) a controller coupled to the storage device and configured for coupling to the receiving device for controlling transmission of the stream of images from the storage device to the receiving device, wherein the stream of images are transmitted to the receiving device in a first format and then a requested portion of the stream of images are transmitted to the receiving device in a second format, and further wherein the second format represents an enhanced version of the first format.
14. (original) The transmitting device as claimed in claim 13 further comprising a source device coupled to the storage device for generating the stream of images and transmitting the stream of images to the storage device.
15. (original) The transmitting device as claimed in claim 14 wherein the source device is a medical test device which is one of an ultrasound, a sonogram and an echocardiogram.
16. (original) The transmitting device as claimed in claim 14 further comprising a network interface circuit coupled to the storage device and to the controller for communicating with the receiving device over a network.
17. (original) The transmitting device as claimed in claim 16 wherein the receiving device includes a display for displaying the stream of images and an input device for marking the requested portion of the stream of images.
18. (original) The transmitting device as claimed in claim 17 wherein the network is an Internet Protocol network.

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19. (original) The transmitting device as claimed in claim 17 wherein received frames within the stream of images are displayed at the receiving device while a remaining portion of the stream of images is transmitted.
20. (original) The transmitting device as claimed in claim 17 wherein the receiving device further includes a received storage device for storing the stream of images.
21. (original) The transmitting device as claimed in claim 20 wherein the requested portion of the stream of images is stored in the second format and a remaining portion of the stream of images is stored in the first format at the received storage device.
22. (original) A system for transmitting a video stream of images from a source device to a receiving device comprising:
 - a) a source device for generating the video stream of images;
 - b) a transmitting device coupled to the source device to receive and store the video stream of images; and
 - c) a receiving device coupled to the transmitting device to receive the video stream of images in a first format, display the video stream of images for a user to mark one or more sections of interest, transmit a request for an enhanced version of the sections of interest and receive from the transmitting device the sections of interest within the video stream of images in a second format, wherein the second format represents an enhanced version of the first format.
23. (original) The system as claimed in claim 22 wherein the source device is a medical test device which is one of an ultrasound, a sonogram and an echocardiogram.
24. (original) The system as claimed in claim 22 wherein the receiving device is coupled to the transmitting device through a network.
25. (original) The system as claimed in claim 22 wherein the receiving device includes a display for displaying the stream of images and an input device for marking the requested portion of the stream of images.
26. (original) The system as claimed in claim 25 where in the receiving device further includes a received storage device for storing the video stream of images.
27. (original) The system as claimed in claim 26 wherein the sections of interest within the video stream of images are stored in the second format and a remaining portion of the video stream of images is stored in the first format at the received storage device.
28. (original) The system as claimed in claim 22 wherein received frames within the video stream of images are displayed at the receiving device while a remaining portion of the video stream of images is transmitted.

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29. (original) A method of transmitting a video stream of images from a source to a receiving device for display and storage at the receiving device comprising the steps of:
- a) transmitting the video stream of images in a first format to the receiving device;
 - b) displaying the video stream of images in the first format at the receiving device, allowing a user to mark sections of interest within the video stream of images; and
 - c) transmitting the sections of interest to the receiving device in a second format, wherein the second format represents an enhanced version of the first format.
30. (original) The method as claimed in claim 29 further comprising the step of displaying the sections of interest in the second format at the receiving device.
31. (original) The method as claimed in claim 30 further comprising the step of storing the sections of interest in the second format and a remaining portion of the video stream of images in the first format at the receiving device.
32. (original) The method as claimed in claim 31 wherein the step of transmitting the video stream of images and the step of displaying the video stream of images in the first format are performed simultaneously, such that a received portion of the video stream of images is displayed while a remaining portion of the video stream of images is transmitted.
33. (original) The method as claimed in claim 32 wherein the step of displaying includes a fast-forward and rewind function.
34. (original) The method as claimed in claim 32 wherein the step of displaying includes a fast-forward and rewind function.
35. (original) The method as claimed in claim 29 further comprising the step of generating the video stream of images and transmitting the video stream of images to the source device.
36. (original) The method as claimed in claim 34 wherein the step of generating is performed by a medical test device which is one of a group of an ultrasound, sonogram and echocardiogram device.